



**PUBLIC WORKS & ENGINEERING**  
**PLANNING AND DEVELOPMENT SERVICES**  
**CODE ENFORCEMENT**

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**FREQUENTLY MISSED INSPECTION ITEMS**

<b>Structural</b>	<b>Electrical</b>	<b>Plumbing</b>	<b>Mechanical</b>
<b>Foundation:</b> <ul style="list-style-type: none"> <li>o Beam Size</li> <li>o Rebar Size/Stirrup Spacing</li> <li>o Corner Bars</li> <li>o Splice Lengths</li> <li>o Location on Property</li> </ul> <b>Windstrap:</b> <ul style="list-style-type: none"> <li>o Proper Amount of Nails</li> <li>o Missing Straps</li> <li>o Nailing Pattern on Sheathing</li> <li>o Nuts on Anchor Bolts</li> </ul> <b>Frame Inspection:</b> <ul style="list-style-type: none"> <li>o Wall Bracing</li> <li>o Joist Hangers</li> <li>o Fire-blocking</li> <li>o Draftstops</li> <li>o Sealing Penetrations</li> </ul> <b>Finals:</b> <ul style="list-style-type: none"> <li>o Handrail Termination / Return to Wall</li> <li>o Safety Glass</li> <li>o Posting Address</li> </ul>	<ul style="list-style-type: none"> <li>o TCI permit for power prior to final required</li> <li>o Provide request letter for Temporary Utilities (TLIF) prior to utility release</li> <li>o Change in use or occupancy. Wire to commercial standards w/ Approved Plans</li> <li>o Provide approved drawings on job site</li> <li>o Electrical service not built in accordance with approved drawings</li> <li>o Need fault current calculation</li> <li>o Ground service, earth ground, water bond, bond neutral</li> <li>o Ground wires undersized</li> <li>o Provide main Over Current Protection in panel</li> <li>o Secure main in panel</li> <li>o Overcurrent protection – too large</li> <li>o Ditch too shallow – provide correct burial depth</li> <li>o Ditch covered without inspection</li> <li>o Walls covered without inspection</li> <li>o Ceilings covered without inspection</li> <li>o Box fill, conductors exceed allowable box fill</li> </ul>	<ul style="list-style-type: none"> <li>o DWV test not complete on wall cover</li> <li>o New materials used not listed to standards</li> <li>o Wrong materials for the application</li> <li>o Foundation poured prior to inspection</li> <li>o Wall covered prior to inspection</li> </ul>	<ul style="list-style-type: none"> <li>o Install fire damper framing as per manufacturer's installation instructions</li> <li>o Seal Return Air ducts</li> <li>o Provide proper clearance on vent pipe on decorative appliances to combustibles.</li> <li>o No approved plans on site.</li> <li>o Flexible gas connectors shall not be concealed within or extend through a wall, floor, partition or appliance housing</li> <li>o One hour protection required for duct penetration under stairs.</li> <li>o Provide proper service access width and clearance to condensing units.</li> <li>o Provide 30" service area and meet manufacturers' clearance for condensing units and furnaces.</li> <li>o Extend furnace vent pipe through roof jack.</li> <li>o Provide pull down stairway with a 350 pound load capacity and a minimum clearance of 22" across the hardware.</li> <li>o Install manufactured duct (flex, duct board) in accordance with the manufacturer's instructions. Need to avoid kinks in the ducts and provide proper radius turns at all changes in direction.</li> <li>o Provide proper catwalk to service area of furnace and evaporator coil.</li> <li>o Access denied - homeowner not on site. (Pay reinspection fee)</li> </ul>